DVQ-2, DMR8RT, DMR16RT

QUICK-START GUIDE

IMPORTANT!!!

PLEASE READ BEFORE OPERATING YOUR DVR

Ready to go, right out of the box!

This digital video recorder is designed to function right out of the box. We made setting up your DVR easier by adjusting the time, date and record settings for you. Your DVR is set to record for 14 days with the video quality and frame rate set to the highest settings for 14 days of recording.

Trouble Shooting

Inside this quick-start guide are easy to use techniques for the following symptoms:

- Not showing video, follow the steps 1 - 5 below in this manual.
- HDD (Hard drive) error messages follow the steps 1 - 5 below in this manual.
- HDD not found, follow the steps 1 - 5 below in this manual.
- All video camera images are distorted, follow the steps 1 - 5 below in this manual.
- DVR will not record; follow the steps 1 - 5 below in this manual.
- DVR is not showing proper date & time, follow step 3 below in this manual.

Networking your DVR

View video from your PC anywhere in the world by connecting your DVR LAN connection to your network system. See Networking on page 8.

Advance Settings

If you need to adjust recording time, frame rate or quality refer to the main user manual also included with this DVR.

Quick-Start Guide Contents

Also, in this quick-start guide is instructions on how to do the following:

1. Run Factory Default ……..p 5
2. Set up Proper Time & Date…...p 6
3. Clear Hard Drive…… p 6
4. Set up OVERWRITE Function...p 7
5. Networking your DVR……..p 8

NOTE: After running the above settings, please refer to **RECORD SETTINGS** in your user manual.

Optimizing Your DVR

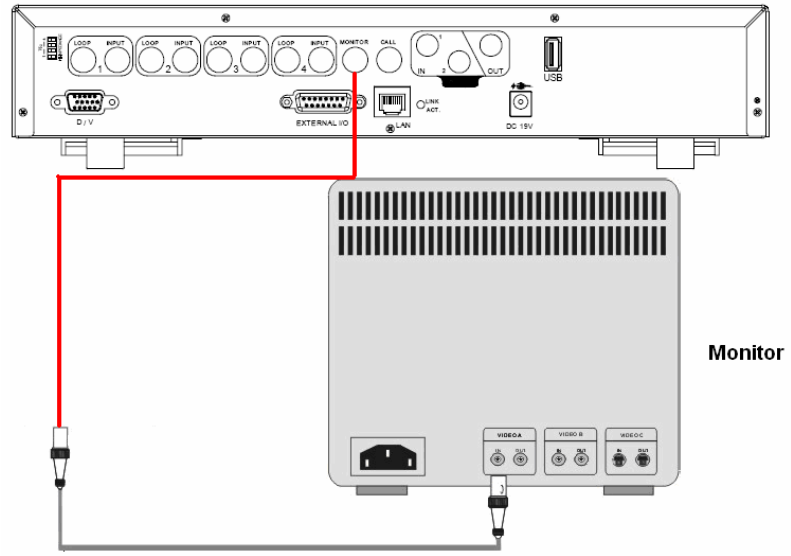
1. It is important that you setup your DVR to meet your needs. Key points of consideration include: recording time, frames per second, naming your cameras, and setting motion detection. Please see your user's manual for detailed set-up instructions.

DON'T FORGET: Supercircuits offers FREE lifetime tech support on every product we sell.

1. Please follow the steps below to repair YOUR DVR

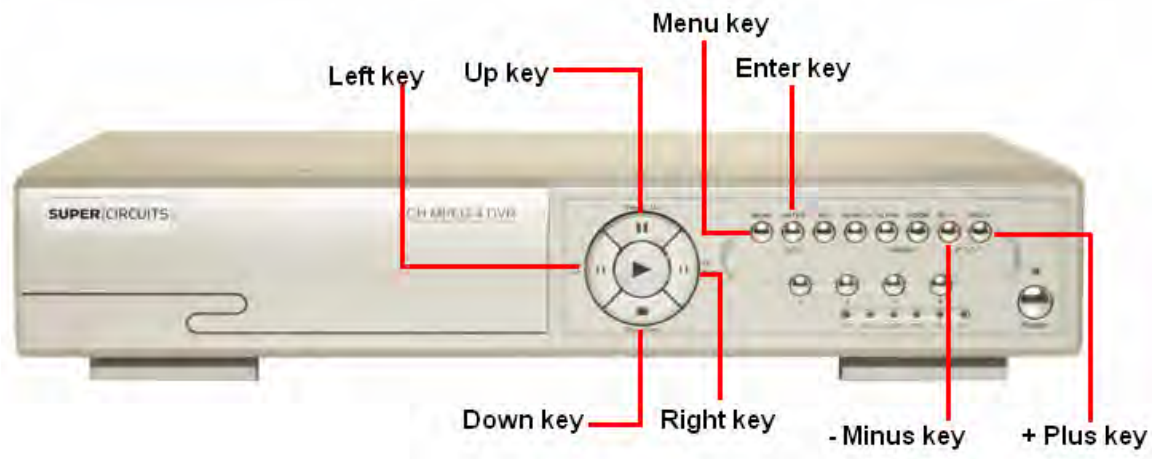
1. Connect your monitor to the DVR **monitor** output jack. The back of your DVR could be different from the below diagram.

DVR Monitor Installation

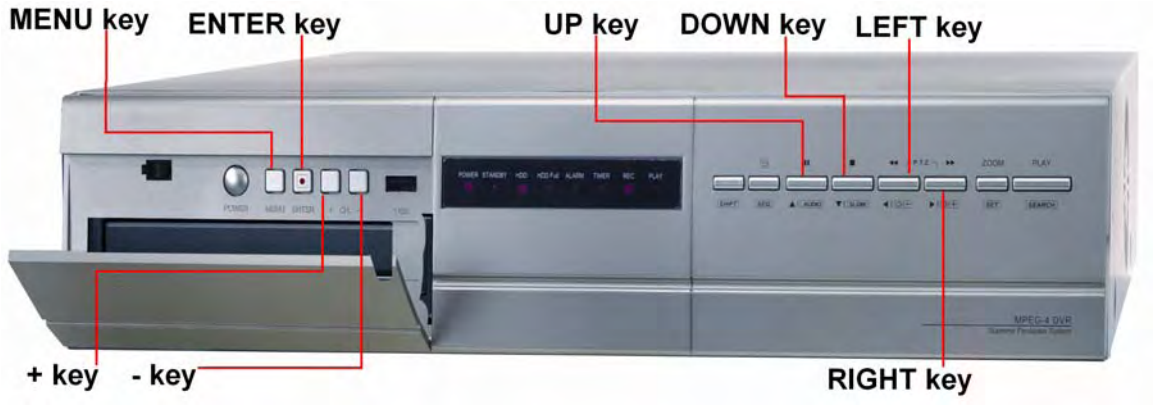


Turn your DVR on and press the "**MENU**" key on the front panel to enter the main menu list. The Menu allows you to configure your DMR settings.

DVQ-2



DMR- 8 & 16 RT



The DVR will ask you for a password.

The password screen will appear:

Password: 0000

The default admin password is **0000**. Enter the default password, and press the "**ENTER**" key.
Note: If you get a message "Password Error", you have entered an incorrect password.

- **Up** and **Down** keys: Scroll up and down.
- **Left** and **Right** keys: Scroll left to right within a menu option.
- **ENTER:** Selects a submenu / an option under a submenu for browsing / modification
- **MENU:** Completes modification of a menu option; exits a menu.
- **+** Plus and **–** Minus keys are used to change values.

MAIN MENU

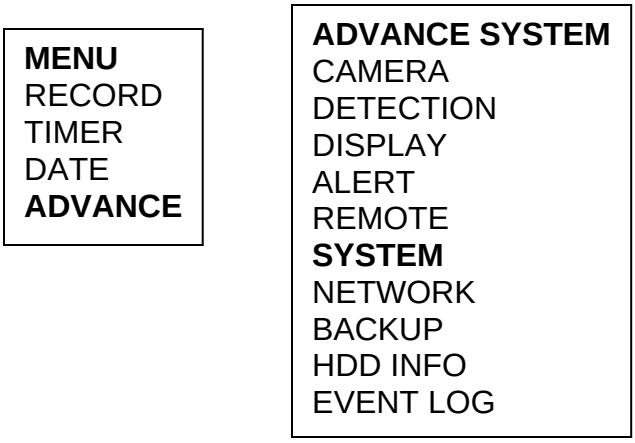
There are 4 options available in the Main Menu:

MENU
RECORD
TIMER
DATE
ADVANCE

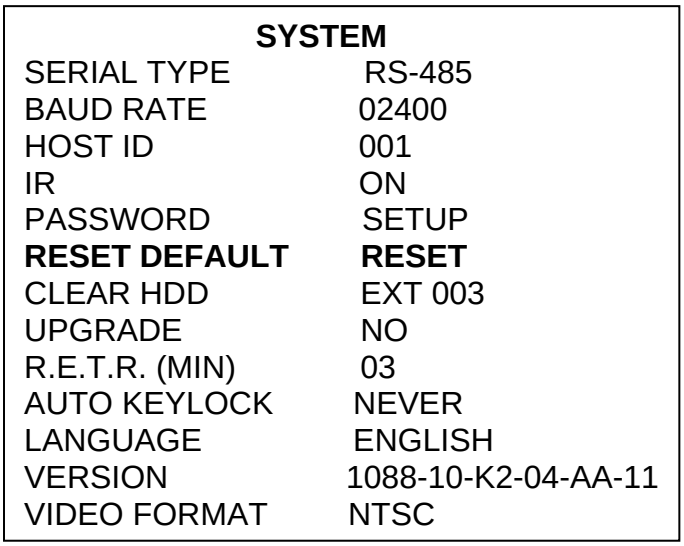
2. RUN FACTORY DEFAULT

SYSTEM RESET

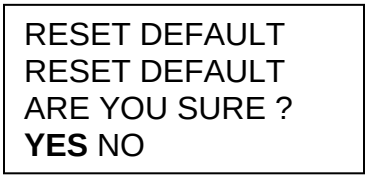
Go down to **ADVANCE** and hit the **>ENTER** key, select **SYSTEM** and hit the **ENTER** key.



Select **RESET DEFAULT** and > hit the **ENTER** key.



You will see a **RESET DEFAULT** dialog box. Reset all system settings to factory default settings. Change the **NO** option to **YES** by hitting the **>LEFT** ◄ arrow key and hitting the **ENTER** key**.**

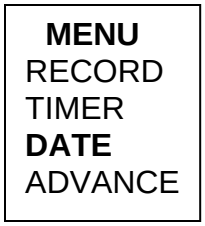


Wait for 1 to 2 minutes and you will see a **REBOOT** dialog box and the system will reinitialize.

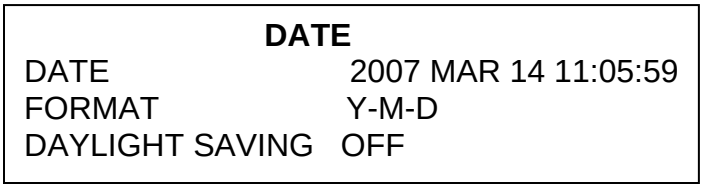
Go back to the main **MENU** and select **DATE**.

3. TIME/ DATE SETUP

Set up the DVQ system time by selecting **DATE** in main **MENU** and hit the **Enter key**.



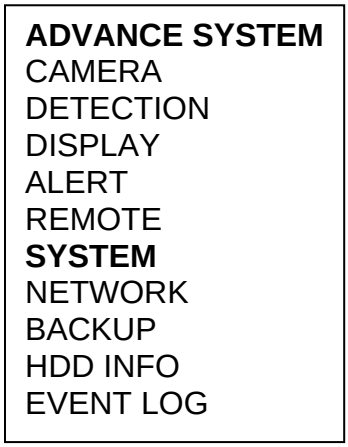
You will see your TIME/DATE settings, enter correct date and time.



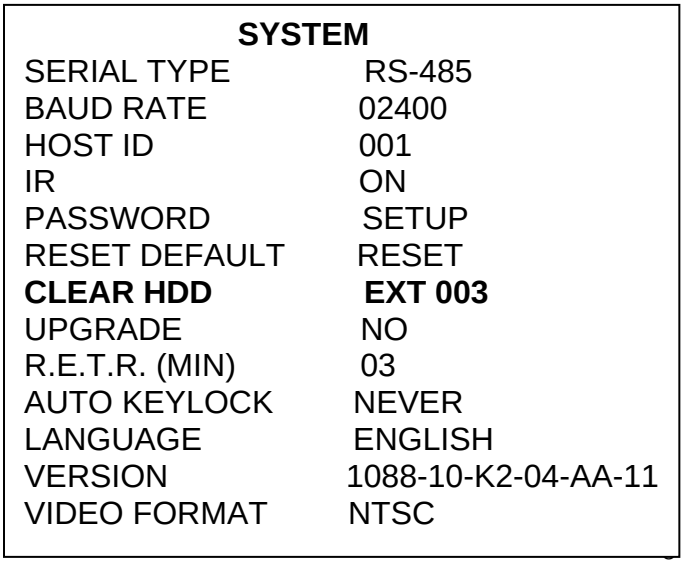
Hit **>MENU** key once to exit and move on to **CLEAR HDD**.

4. CLEAR HDD

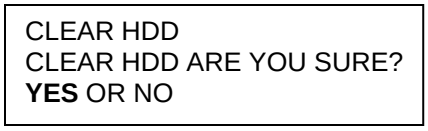
Select **ADVANCE** from main **MENU,** hit the **>ENTER key** and scroll down to **SYSTEM** and hit the **>ENTER key**.



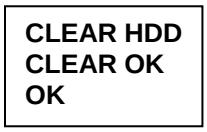
Scroll down to **CLEAR HDD** and hit the **>ENTER** key.



You will see a dialog box with **"CLEAR HDD ARE YOU SURE? YES OR NO"**. Hit the **LEFT** key to select **YES** and hit the **>ENTER** key.



You will see another dialog box asking for confirmation "**CLEAR HDD CLEAR OK** " hit the **ENTER** key. This option will delete all the contents of your HDD.

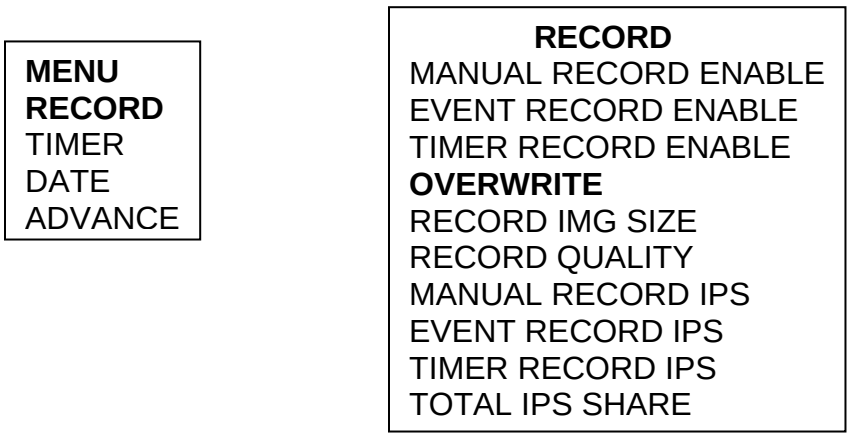


You will be back to the **SYSTEM** menu after clearing the HDD. Hit the **MENU** key twice to exit **SYSTEM** and **ADVANCE** sub menus. Scroll up to the **RECORD** menu option to setup your **OVERWRITE** setting.

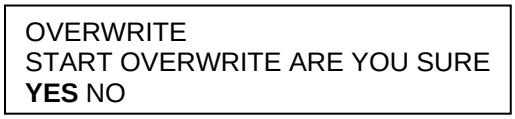
5. Setup OVERWRITE function

HDD OVERWRITE

Select **RECORD** in the main **MENU** and Scroll down to **OVERWRITE** and hit the **ENTER** or **–** minus or **+** plus key to enter **OVERWRITE** function.



You will see a dialog box wanting confirmation "**START OVERWRITE ARE YOU SURE, YES NO**, select **YES** and hit the **>ENTER** key.



NOTE: In OVERWRITE RECORDING mode, over writing of previous files will occur when the hard drive is full.

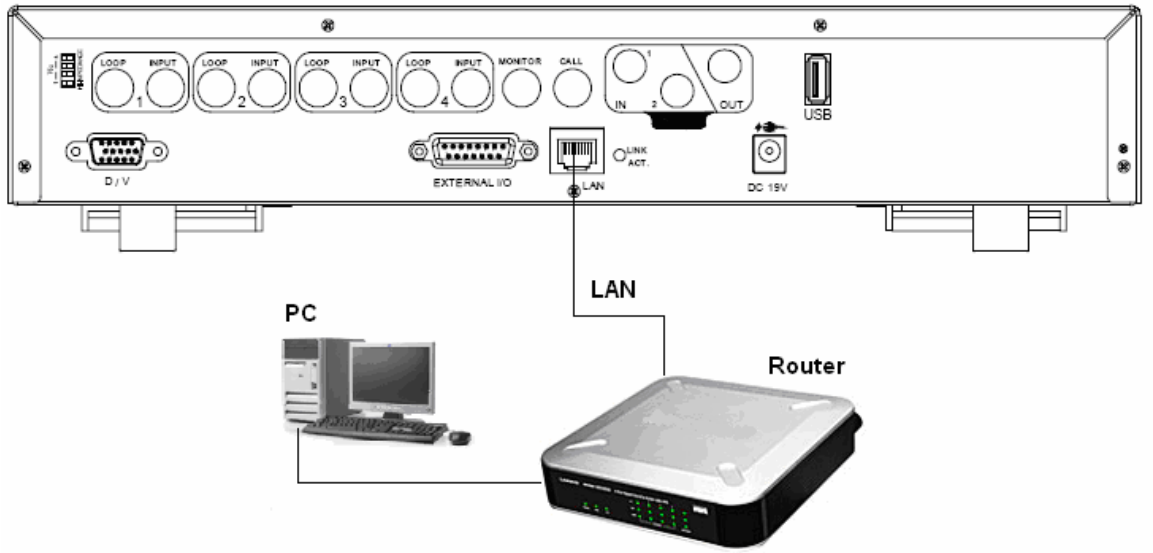
Hit the **MENU** key twice to exit the menu settings. Turn your DVR off by hitting the **>POWER** button and unplugging the DVR for about 15 to 20 sec's. Turn the unit on and your ready to start installing and configuring the rest of your system.

NETWORKING

View video from your PC anywhere in the world by connecting your DVR LAN connection to your network system.

Things to do before networking your DVR

1. Connect DVR LAN connection to your LAN router.



2. To connect to the world wide area network for remote viewing you **must configure your router to allow port forwarding.** Super Circuits does not provide technical support for router setup. Contact your service provider/router manufacturer for support on setting up port forwarding. Use port number **8000**.

3. Do you have a dynamic or static IP address? Note: Static IP address is highly recommended, because of the video connection reliability. Call your IP provider about setting up a static IP address for your DVR.

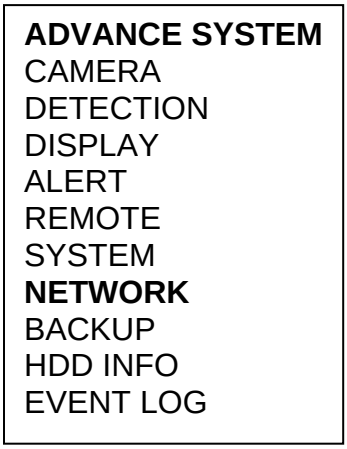
4. Make sure you have DirectX version 9.0c on your computer. If not go to www.microsoft.com/directx

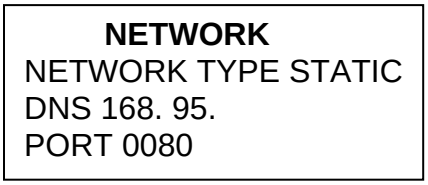
5. Make sure that you have the following information from your IP provider or IT department:

   A. IP address.
   B. Subnet Mask.
   C. Default Gateway.
   D. If there is a DNS number.
   E. If DHCP settings are allowed set your DVR to "**Manual**" not "**Automatic**".
   G. Next verify your IP address *(for your domain)* by going to www.whatismyip.com. This is the IP address you will use to log in remotely

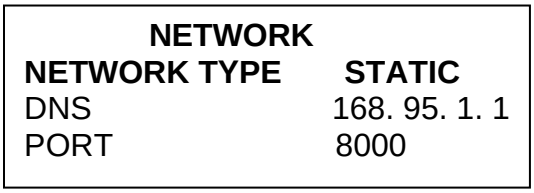
Setting up your DVR for networking

6. Access your DVR network settings by going to **MENU / ADVANCE/ NETWORK.** Set **IP ADDRESS, GATEWAY, NETMASK** and **WEB PORT.**

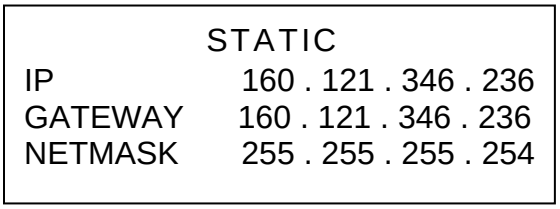




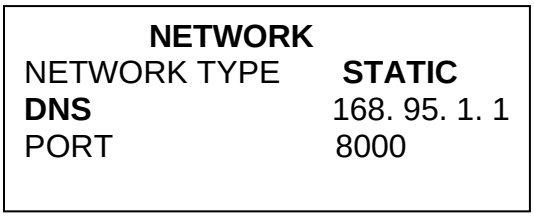
7. Change **NETWORK TYPE** to **STATIC** by hitting the **+** plus or **–** minus keys and hit the **ENTER** key.



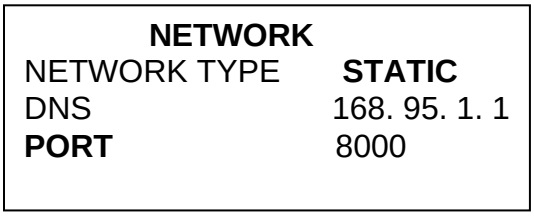
8. Enter your IP, Gateway and Netmask and hit the **MENU** key to exit **STATIC** menu.



9. In **NETWORK** menu select **DNS** and enter IP address of the domain server obtained from your ISP (Internet Service Provider).



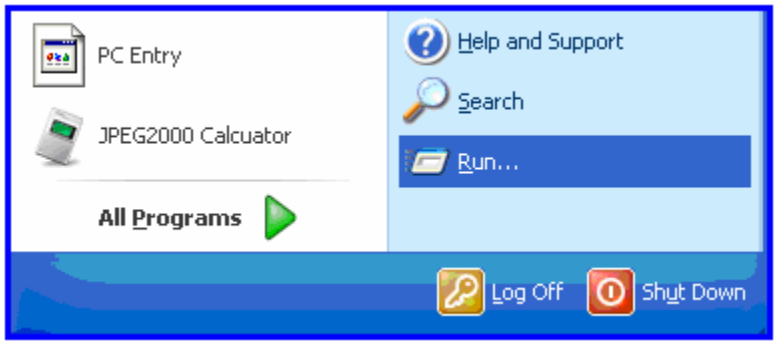
10. Select PORT and enter 8000 and exit NETWORK menu.



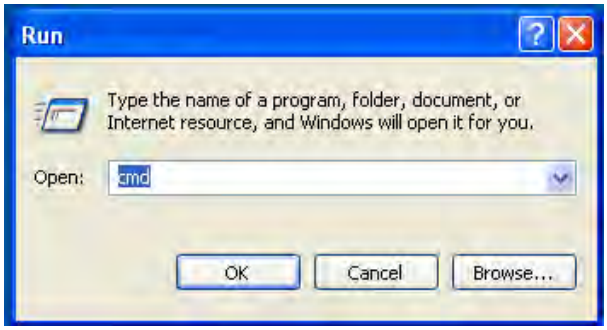
11. Exit all menus and turn your DVR off by hitting the power key and holding for about 3 seconds.

Test your connection

12. Return to your computer: go to the PC start menu and select "**Run**"

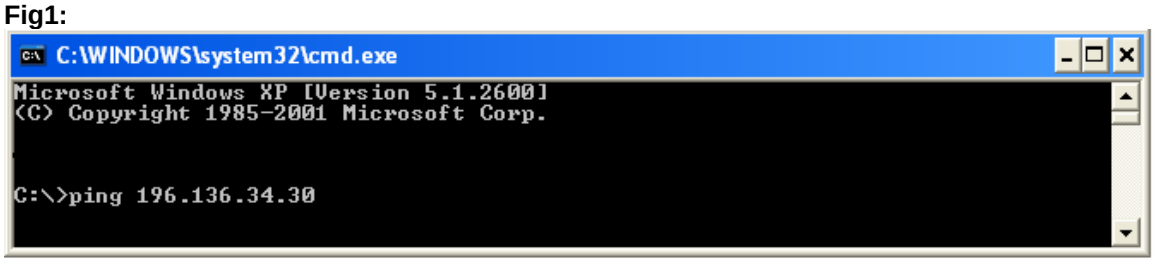


13. Type **"cmd"** and click "OK".



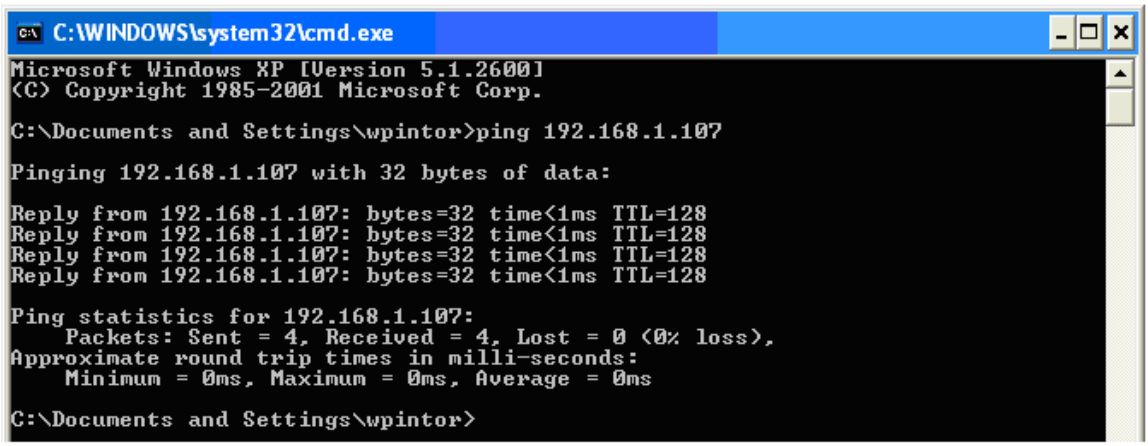
14. A black box will pop up with a "C" prompt. After the "C" prompt type **"ping"** at the dos prompt, space bar and the **IP address of the DVR** and then click "**>ENTER.**

Fig1:



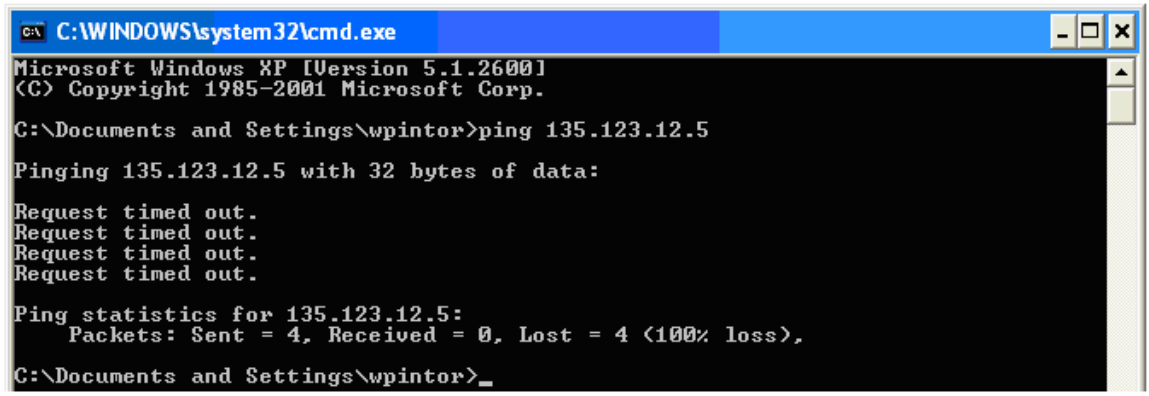
15. A box will pop up and it will display "reply from" the IP address 3 to 4 times. You will also see "Packets sent = X, Received = X and Lost = X. This will tell you that, you've successfully connected to your DVR and we can proceed. Like **FIG.2** below.

FIG.2


C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
C:\Documents and Settings\wpintor>ping 192.168.1.107
Pinging 192.168.1.107 with 32 bytes of data:
Reply from 192.168.1.107: bytes=32 time<1ms TTL=128
Reply from 192.168.1.107: bytes=32 time<1ms TTL=128
Reply from 192.168.1.107: bytes=32 time<1ms TTL=128
Reply from 192.168.1.107: bytes=32 time<1ms TTL=128
Ping statistics for 192.168.1.107:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 0ms, Average = 0ms
C:\Documents and Settings\wpintor>

If you're seeing "**Request timed out**" and "Packets: Sent X, Received = X, Lost = X" like **FIG.3** below, then you have not established a LAN connection between the DVR and the computer. You will need to recheck all DVR network settings above, check with IP provider or IT department, router settings. Make sure cables are good, and connected.

FIG.3


C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.
C:\Documents and Settings\wpintor>ping 135.123.12.5
Pinging 135.123.12.5 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.
Ping statistics for 135.123.12.5:
Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
C:\Documents and Settings\wpintor>_

This could also be due to a bad cable between the DVR and router or bad DVR *Network Interface Controller (NIC).* Check the Ethernet cable connection on the back of the DVR and check for green lights and that they blink when you "ping" the DVR. If it is not blinking, this could indicate that the DVR's network interface card is bad and call us for tech support. If green light is blinking, as a final check, connect the DVR **directly** to the computer using an Ethernet "**crossover cable**" *(which is available at any electronics store such as Radio Shack, or Best Buy, Circuit City, etc…)* eliminating all other cables and equipment. Crossover cables are only used for testing purposes. And repeat the pinging process. If after connecting the crossover cable and you are successful in pinging your DVR, the problem is with your router, cables or the IP address. Check with your IP provider, check your cables and make sure your router is configured for port forwarding. If you're not successful in pinging your DVR call Supercircuits for technical help.

16. If you're looking at **FIG.2** then you have demonstrated that a Local Area Connection (LAN) has been made between the DVR and the computer. Proceed to Software installation.

17. Install the CD that came with your DVR into the PC and install **Video Web Server.**

18. Double click **Video Web Server** " " Icon enter **User Name**, **Password**, **IP address** and **Port 8000** and hit **OK**.

NOTE: Factory default user name is **ADMIN**, Password is **ADMIN**.

Who to Contact

If you have any further questions setting up your DVR, or are experiencing any issues with your DVR, please contact our dedicated technical support experts at:

Technical Support: **800-335-9777** Press 3 for Technical Support
Hours of Operation: Monday thru Saturday: 9am-5pm